EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	31	(US-20030180201-$ or US-20030216604-$ or US-20040034249-$ or US-20040096378-$ or US-20040105795-$ or US-20050006219-$ or US-20050090628-$ or US-20060099131-$ or US-20070122322-$).did. or (US-3589687-$ or US-3970435-$ or US-4333893-$ or US-4481154-$ or US-5015446-$ or US-5194231-$ or US-5292904-$ or US-5672629-$ or US-6613940-$ or US-6624114-$ or US-6664432-$ or US-7132555-$ or US-7371361-$ or US-7420183-$).did. or (JP-01165543-$).did. or (DE-10337788-$ or DE-19909923-$ or DE-19955168-$ or GB-1570530-$ or US-20030180201-$ or US-20030216604-$ or WO-0226370-$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/14 08:23
L9	7	8 and acrylic acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:23
L10	4	8 and acrylic acid and insert	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:23
L11	5	8 and acrylic acid and (insert or packing)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:30
L12	0	propene same acrylic acid same (insert) same two catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:30
L13	0	propene same acrylic acid and (insert) same two catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:30
L14	18	propene same acrylic acid and (insert) same catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:30
L15	87	propene same acrylic acid and (insert)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:34

L16	8	propene same acrylic acid and (insert) same heat (transfer or exchange$1)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:35
L17	7	16 and @ad< "20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:35
L18	3	oxidation and (insert) same heat (transfer or exchange$1) and (two or multiple or multiplicity or plurality) near catalyst bed	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:37
L19	0	propene same acrylic acid same two catalyst bed and tube sheet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:43
L20	0	propene same acrylic acid and two catalyst bed and tube sheet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:44
L21	1	propene same acrylic acid and two catalyst and tube sheet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:44
L22	10	propene same acrylic acid and tube sheet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:44
L23	1	propene same acrylic acid and tube sheet and different catalyst	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:45
L24	10	propene same acrylic acid and tube sheet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:45
L25	245	propene same acrylic acid and tube (sheet or bundle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:46
L26	230	25 and @ad< "20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:46
L27	67	propene same acrylic acid and tube (sheet or bundle) and (two or multiple or multiplicity or plurality) near catalyst	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:46
L28	61	27 and @ad< "20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:46
L29	29	propene same acrylic acid and tube (sheet or bundle) and different catalyst	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:50
L30	26	29 and @ad< "20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:50
L31	2	2001-452571	DERWENT	ADJ	ON	2009/07/14 08:54
L32	1	"6740779" .pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:55

L33	21	"286235"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/14 08:57
L34	0	wo0136364$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/14 10:05
L35	1	wo-0136364$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/14 10:05
L36	11	(("20040096378") or ("6740779") or ("20030216604") or ("4481154") or ("3589687") or ("5015446") or ("5194231") or ("20060099131") or ("20050006219") or ("20030180201") or ("6624114")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 10:07
S1	786	422/197.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/23 15:26
S2	386	S1 and @ad<"20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/23 15:27
S3	246	heat exchange$ same reactor same insert	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/23 15:27
S4	4	S2 and S3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/23 15:27
S5	23	(("3736355") or ("4224187") or ("4481154") or ("4873368") or ("5194231") or ("6069271") or ("6069271") or ("7198766") or ("7294741") or ("20040116741") or ("20050222459") or ("20060013748") or ("20060116532") or ("20070066845") or ("20070262022") or ("20070280866") or ("20070295591") or ("20080091048") or ("20080119668") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/23 15:31

		("20080119669") or ("20080197086") or ("20080287616") or ("20090023006")).PN.				
S6	15	("2332110" | "3243170" | "3438614" | "3589687" | "4201736" | "4333893"). PN. OR ("4481154"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/23 15:33
S7	6016	heat (exchange$ or transfer) with insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 15:38
S8	153	heat (exchange$ or transfer) with insert same reactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 15:39
S9	124	S8 and @ad<"20070608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 15:39
S10	104	S8 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 15:40
S11	1	gb-1570530$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 07:46
S12	13	(("1833188") or ("1932247") or ("1707417") or ("7255845") or ("4822521") or ("5712313") or ("5000926") or ("5167933") or ("6171570") or ("6955797")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/24 08:03

S13	1645	(f28f13/12).IPCR.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/24 08:04
S14	362	S13 and @ad<"20070608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/24 08:04
S15	137	heat (exchange$ or transfer) same reactor same insert same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:06
S16	89	S15 and @ad<"20070608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:06
S17	70	S16 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:07
S18	0	wo-2002026370$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:34
S19	0	wo-200226370$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:34
S20	0	wo-20020026370$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:34
S21	0	wo20020026370$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:34

S22	1537	propene with (acrolein or acrylic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:36
S23	29	propene with (acrolein or acrylic acid) same exothermic reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:36
S24	20	S23 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:36
S25	2	"5292904".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 08:48
S26	2	"5454429".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:03
S27	0	tube near shell near (reactor or column) same catalyst insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:24
S28	2	tube near shell near (reactor or column) and catalyst insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:24
S29	0	S28 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:24

S30	4	tube near shell and catalyst insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:25
S31	204	catalyst insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:26
S32	599	propene with (acrolein and acrylic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:27
S33	0	propene with (acrolein and acrylic acid) and catalyst insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:27
S34	11	propene with (acrolein and acrylic acid) and catalyst near insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:27
S35	0	S34 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:27
S36	43	propene with (acrolein and acrylic acid) and insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:27
S37	21	S36 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:28

S38	8	heat (exchange$ or transfer) same reactor same propene with (acrolein and acrylic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:33
S39	8	S38 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:33
S40	17	tubular reactor same propene with (acrolein and acrylic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:34
S41	16	S40 and @ad<"20050204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/24 09:34
S42	17	("20040116741" | "20050222459" | "20060013748" | "20060116532" | "20070066845" | "20070262022" | "20070280866" | "20070295591" | "20080091048" | "20080119668" | "20080119669" | "20080197086" | "20080287616" | "20090023006" | "6069271" | "7198766" | "7294741").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 14:57
S43	7	("3736355" | "4224187" | "4481154" | "4873368" | "5194231" | "6069271").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 14:57
S44	23	S42 or S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 14:57
S45	15	("2332110" | "3243170" | "3438614" | "3589687" | "4201736" | "4333893").PN. OR ("4481154").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 14:58

S46	0	wo-2002026370$.did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:11
S47	0	wo-200226370$.did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:11
S48	0	wo-02026370$.did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:11

EAST Search History (Interference)

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7/14/2009 10:07:51 AM
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